MINISTRY OF EDUCATION, YOUTH AND SPORT

USER'S GUIDE

WASHaLOT

Assembly & Maintenance Instructions for a Prefabricated Group Washing Facility

FIT FOR SCHOOL

Making Children Fit for School

Daily handwashing with soap to reduce diarrhea and other preventable diseases

Daily toothbrushing with fluoride toothpaste to reduce tooth decay

Bi-annual deworming to reduce worm infections

The Fit for School Program combines three preventive interventions: daily handwashing, daily toothbrushing and bi-annual deworming. It aims to improve the health of children, so that they can go to school more often and perform better.

IMPRINT © 2015 GIZ Fit for School, Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH // Fit for School, 7/F PDcP Bank centre cor. V.A. Ruino and L.P. Leviste Streets, Salcedo Village, Makati city 1227, Philippines, www.giz.de // © 2015 2nd edition: Verlagshaus Monsenstein und Vannerdat OHG, Münster, Germany, www.mv-verlag.de // Design: malzwei, Berlin, Germany // Layout: Invent, Cambodia // Photos: Sreypov Yuth, Marcel Siewert, GIZ Cambodia // For more Information on GIZ Fit for School and group washing facilities, please contact Dr. Bella Monse (bella.monse@giz.de) // ISBN: 978-3-95645-644-2 // Disclaimer

Guideline // How to Set up Your WASHaLOT

Choose the Right Location // You should make sure that children have access to both sides of the facility and that it does not obstruct them from entering and leaving the school. Place the facility close to the classrooms. You should also make sure that the ground on which it is built is level. If possible the facility should be installed within a fenced or roofed area to prevent theft and to allow hygiene activities in any kind of weather.

Keep Children in Mind // Take care that the water pipe has the appropriate height to be within the reach of the students who will eventually use it.

Drainage // In some cases, used water can be absorbed by the soil. In other cases it is better to divert the water away from the facility in order to avoid water puddles and mud. In this case, you should make a small trench in the ground or install a basin that divert the water towards one end of the facility. Place a bucket or dig a hole and fill it with gravel at the end of the facility to soak up the water. Water caught in the bucket can be reused, for example to water plants.

Soap Holder // Cut soap bars into three smaller pieces and fix the pieces with stockings or a fish net on the water pipe between the holes. After the hygiene activities keep the soap in a dry place, for example in the health corner in the classrooms.

Facility is accessible from both sides and directly in front of classrooms. The gravel bed is only around 50 cm wide, allowing also small children to clean their hands. As a drainage, a simple gravel bed with flowers is used.

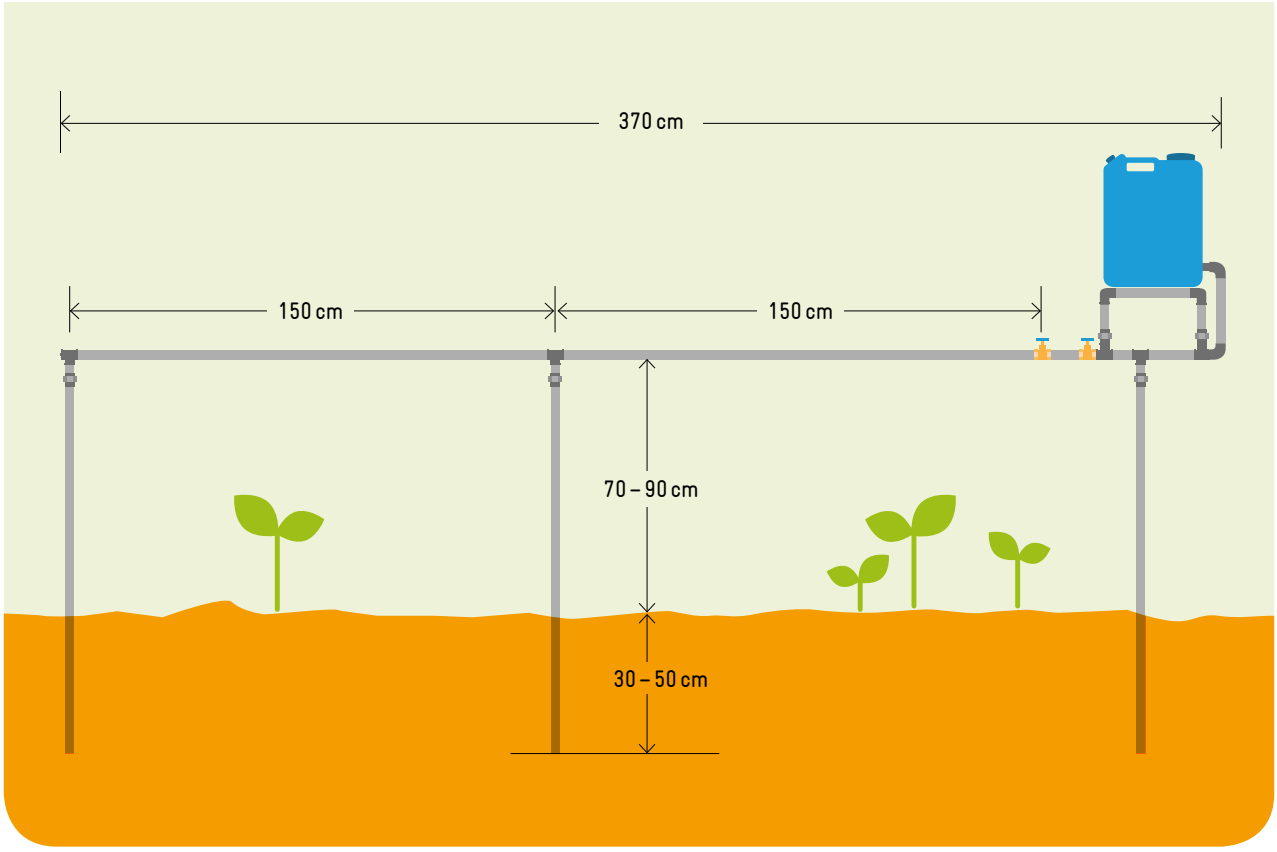
Soap bars are hanging in stockings on a rope, easy to use for the students.

1. Overview

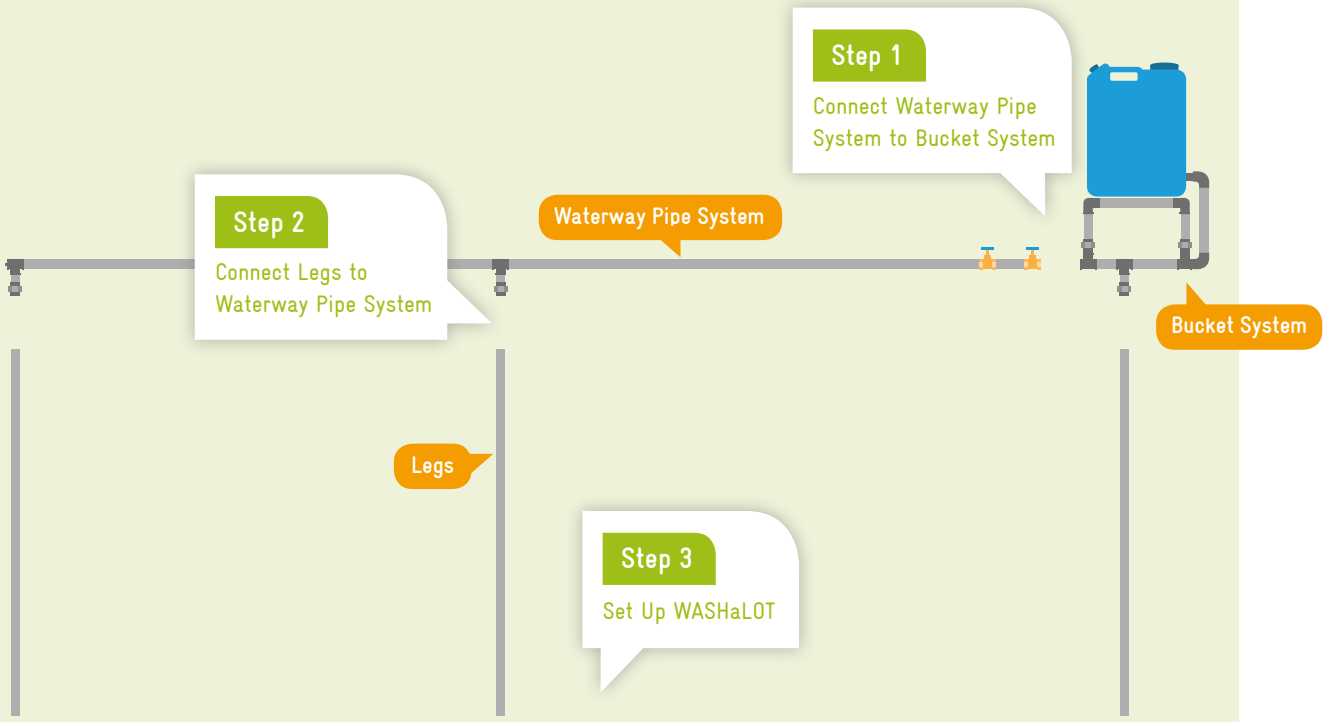
To install one WASHaLOT you need:

- 2 pipe wrenches
- 1 shovel
- cement
- gravel
- sand

Dimensions // WASHaLOT



2. Assembly Instructions



Step 1 Connect Waterway Pipe System to Bucket System

- Connect bucket holder to waterway pipe system.

- Secure with pipe wrench (Take care that bore holes are pointing straight to the ground).

- If necessary secure lock nut of valve.

Step 2 Connect Legs to Waterway Pipe System

- Put sealing disks in the union connection of each leg.

- Connect the pipe with the t-joints to the three legs with union patente.

- Fasten with wrench.

Step 3 Set Up WASHaLOT

- Dig 3 holes in the ground, deep enough for the WASHaLOT to stand stable (30 x 30 cm, 35 cm deep), place the assembled facility into the hole. Fill holes with concrete mixture (e.g. 1 part cement, 2 parts sand, 3 parts gravel).

- Place the waterway pipe at adequate height for children: 70 – 90 cm above ground.

  The facilities's pipe should not be inclined, as water pressure will be high enough to serve the whole facility. The basin however needs to be slightly inclined.

Congratulations!
Now your WASHaLOT is ready for use! Practicing healthy habits in your school is now easier!

3. Operation & Maintenance

Water Supply

- The canister can be refilled manually or semi-automatically.
- Clean canister weekly to avoid the water getting contaminated.

Pipes

- Holes need to be cleared with a brush and needle if they get blocked.
- The plug at the end of the pipe can be opened for cleaning and maintenance.

Cleaning:

- Clean the WASHaLOT and the surroundings at least on a weekly base.

Children and adults can help clean the facility. Your school can use a cleaning and maintenance planner to help ensure that the facility is cleaned and maintained. Daily tasks include checking functionality, cleaning the facility and refilling the canister with water.

4. Community-Built Enhancements

Examples

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